

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/507,479A  
Source: IFC016  
Date Processed by STIC: 01/11/2007

# ***ENTERED***



IFW16

## RAW SEQUENCE LISTING

DATE: 01/11/2007

PATENT APPLICATION: US/10/507,479A

TIME: 14:14:54

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\01112007\J507479A.raw

```

3 <110> APPLICANT: Reginster, Jean-Yves
4      Deberg, Michele
5      Henrotin, Yves
6      Christgau, Stephan
8 <120> TITLE OF INVENTION: Detection of Specific Nitrated Protein Markers
10 <130> FILE REFERENCE: P70090US0
12 <140> CURRENT APPLICATION NUMBER: US 10/507,479A
14 <141> CURRENT FILING DATE: 2004-09-13
16 <150> PRIOR APPLICATION NUMBER: PCT/EP03/02559
18 <151> PRIOR FILING DATE: 2003-03-12
20 <160> NUMBER OF SEQ ID NOS: 8
22 <170> SOFTWARE: PatentIn version 3.2
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 9
26 <212> TYPE: PRT
27 <213> ORGANISM: Artificial sequence
29 <220> FEATURE:
30 <223> OTHER INFORMATION: Synthesized
32 <400> SEQUENCE: 1
34 His Arg Gly Tyr Pro Gly Leu Asp Gly
35 1      5
37 <210> SEQ ID NO: 2
38 <211> LENGTH: 6
39 <212> TYPE: PRT
40 <213> ORGANISM: Artificial sequence
42 <220> FEATURE:
43 <223> OTHER INFORMATION: Synthesized
45 <400> SEQUENCE: 2
47 Leu Gln Tyr Met Arg Ala
48 1      5
50 <210> SEQ ID NO: 3
51 <211> LENGTH: 26
52 <212> TYPE: PRT
53 <213> ORGANISM: Artificial sequence
55 <220> FEATURE:
56 <221> NAME/KEY: VARIANT
57 <222> LOCATION: (1)...(10) (17)...(26)
58 <223> OTHER INFORMATION: Synthesized; Xaa at position No. 14 is a nitrated
59      tyrosine (Tyr:No2); Xaa at positions 1 to 10 and 17 to 26 denotes
60      any amino acid or derivatives thereof and can be
61      present or absent
63 <400> SEQUENCE: 3
W--> 65 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa His Arg Gly Xaa Pro Gly

```

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```

66 1          5          10          15
W--> 68 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
69          20          25
71 <210> SEQ ID NO: 4
72 <211> LENGTH: 29
73 <212> TYPE: PRT
74 <213> ORGANISM: Artificial sequence
76 <220> FEATURE:
77 <221> NAME/KEY: VARIANT
78 <222> LOCATION: (1)...(10) (20)...(29)
79 <223> OTHER INFORMATION: Synthesized; Xaa at poosition No. 14 is a nitrated
80     tyrosine (Tyr:No2); Xaa at positions 1 to 10 and 20 to 29 denotes
81     any amino acid or derivatives thereof and can be
82     present or absent
84 <400> SEQUENCE: 4
W--> 86 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa His Arg Gly Xaa Pro Gly
87 1          5          10          15
W--> 89 Leu Asp Gly Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
90          20          25
92 <210> SEQ ID NO: 5
93 <211> LENGTH: 26
94 <212> TYPE: PRT
95 <213> ORGANISM: Artificial sequence
97 <220> FEATURE:
98 <221> NAME/KEY: VARIANT
99 <222> LOCATION: (1)...(10) (17)...(26)
100 <223> OTHER INFORMATION: Synthesized; Xaa at poosition No. 13 is a nitrated
101     tyrosine (Tyr:No2); Xaa at positions 1 to 10 and 17 to 26 denotes
102     any amino acid or derivatives thereof and can be
103     present or absent
105 <400> SEQUENCE: 5
W--> 107 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Leu Gln Xaa Met Arg Ala
108 1          5          10          15
W--> 110 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
111          20          25
113 <210> SEQ ID NO: 6
114 <211> LENGTH: 9
115 <212> TYPE: PRT
116 <213> ORGANISM: Artificial sequence
118 <220> FEATURE:
119 <221> NAME/KEY: MOD_RES
120 <222> LOCATION: (4)
121 <223> OTHER INFORMATION: Synthesized; Xaa at poosition No. 4 is a nitrated
122     tyrosine (Tyr:No2)
124 <400> SEQUENCE: 6
W--> 126 His Arg Gly Xaa Pro Gly Leu Asp Gly
127 1          5
129 <210> SEQ ID NO: 7
130 <211> LENGTH: 6

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131 <212> TYPE: PRT  
132 <213> ORGANISM: Artificial sequence  
134 <220> FEATURE:  
135 <221> NAME/KEY: MOD\_RES  
136 <222> LOCATION: (3)  
137 <223> OTHER INFORMATION: Synthesized; Xaa at poosition No. 3 is a nitrated  
138 tyrosine (Tyr:No2)  
140 <400> SEQUENCE: 7  
W--> 142 Leu Gln Xaa Met Arg Ala  
143 1 5  
145 <210> SEQ ID NO: 8  
146 <211> LENGTH: 9  
147 <212> TYPE: PRT  
148 <213> ORGANISM: Artificial sequence  
150 <220> FEATURE:  
151 <221> NAME/KEY: MOD\_RES  
152 <222> LOCATION: (6)  
153 <223> OTHER INFORMATION: Synthesized; Xaa at poosition No. 6 is a nitrated  
154 tyrosine (Tyr:No2)  
156 <400> SEQUENCE: 8  
W--> 158 Gly Gly Gly Leu Gln Xaa Met Arg Ala  
159 1 5

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/507,479A

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Input Set : A:\Sequence Listing.txt  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:3; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,14,17,18,19,20,21,22,23,24,25,26

Seq#:4; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,14,20,21,22,23,24,25,26,27,28,29

Seq#:5; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,13,17,18,19,20,21,22,23,24,25,26

Seq#:6; Xaa Pos. 4

Seq#:7; Xaa Pos. 3

Seq#:8; Xaa Pos. 6

## VERIFICATION SUMMARY

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Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\01112007\J507479A.raw

L:65 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0  
L:68 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:16  
L:86 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0  
L:89 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:16  
L:107 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0  
L:110 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:16  
L:126 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0  
L:142 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0  
L:158 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0